

**Report Date:** 02 Feb 2013

**Summary Report for Individual Task**  
**031-COM-1040**  
**Protect Yourself from CBRN Injury/Contamination with the JSLIST Chemical-Protective Ensemble**  
**Status: Approved**

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Commander, Marine Corps Logistics Bases (Code 850), 814

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**Condition:** You are given the Joint-Service, Lightweight, Integrated Suit Technology (JSLIST) chemical-protective ensemble consisting of JSLIST overgarments (coat and trousers), JSLIST compatible protective mask, JSLIST compatible footwear covers, and JSLIST compatible protective gloves, Field Manual (FM) 3-11.4, Technical Manual (TM) 10-8415-220-10, and Skin Exposure Reduction Paste Against Chemical Warfare Agents (SERPACWA). You are directed to assume mission-oriented protective posture (MOPP) level 4, or you are in a situation where you must automatically react to a chemical, biological, radiological, and nuclear (CBRN) hazard.

**Standard:** Protect yourself from CBRN injury/contamination with the JSLIST chemical protective ensemble by: 1) performing Before preventive maintenance checks and services (PMCS) according to TM 10-8415-220-10, 2) applying SERPACWA if command directed, 3) assuming MOPP Levels 1 through 4 in order within 8 minutes, 4) doffing the JSLIST ensemble, 5) performing After PMCS inspections, and 6) repackaging the JSLIST ensemble.

**Special Condition:** None

**Special Standards:** None

**Special Equipment:**

**Safety Level:** Low

**MOPP:**

Task Statements
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**Cue:** You are ordered to do so, learn a chemical attack is about to happen, must enter an area where chemical agents have been used, recognize a chemical hazard, or attacked with chemical agents without warning.

**DANGER**

None

**WARNING**

None

**CAUTION**

None

**Remarks:** None

**Notes:** None

### Performance Steps

1. Perform Before PMCS on the JSLIST ensemble in accordance with (IAW) TM 10-8415-220-10.

a. Using a new garment, first use.

(1) Remove the coat or trousers from the factory vacuum-sealed bags and store in trouser pocket.

Note: Coat and trousers packaging includes resealable bags. Store bags in trousers pockets and retain for reuse in repackaging the JSLIST ensemble.

(2) Perform Before PMCS according to table 2-1 located in TM 10-8415-220-10.

(3) Mark the label with the date that the garment was removed from the package in permanent ink.

b. Using a used garment.

(1) Remove the coat or trousers from the clear plastic, resealable bag.

(2) Check the wear date marked on the labels. If more than 120 days have elapsed since this date, replace the coat or trousers with new coat or trousers.

Note: To conserve chemical protective overgarment assets, any used JSLIST overgarment coat or trouser that has exceeded the 120-day period may be used as a training only item (the words TRAINING ONLY must be stenciled 2.5 inches high or larger on the outside of a sleeve or leg of the item, in a contrasting colored permanent ink).

## WARNING

SERPACWA is for military and external use only. Do not apply to the eyes or to mucous membranes. This product, its packaging, and clothing or other materials exposed to SERPACWA should not be destroyed by burning due to the release of toxic fumes. Smoking should be avoided, be sure to avoid getting SERPACWA on smoking products. Be sure to clean hands before handling smoking products.

2. Apply SERPACWA (if command-directed).

Note: SERPACWA is intended for use prior to exposure to chemical warfare agent (CWA) and only in conjunction with the JSLIST chemical protective ensemble.

a. Before you assume MOPP Level 1, use a dry towel to wipe off sweat, insect repellent, camouflage paint, sand, or dirt from your skin at the areas shown on the packet label.

b. Tear open the packet and squeeze about one-third of the pouch into the palm of your hand and rub it evenly around the wrists (site 1), neck (site 2), and boot tops of lower legs (site 3) until it forms a difficult to notice white film.

c. Remove the remaining two-thirds of the SERPACWA from the pouch and rub it evenly onto your armpits (site 4), groin area (site 5), and waistline (site 6).

d. After SERPACWA is applied, if exposure to CWA is either confirmed or suspected, follow the appropriate protocol for decontamination.

e. For removal of SERPACWA in the absence of exposure to CWA, scrub the sites with a dry towel, or if possible, with a cloth using both soap and water.

3. Don the JSLISTS chemical protective ensemble, in MOPP Level 1 through 4 sequence within eight minutes.

a. Assume MOPP Level 1.

(1) Don the JSLIST overgarment trousers.

(a) Extend your toes downward, put one leg into the trousers, and pull them up. Repeat the procedure for your other leg.

(b) Close the slide fastener, and fasten the two fly opening snaps.

(c) Pull the suspenders over your shoulders, and fasten the snap couplers. Adjust the suspenders to ensure that the trousers fit comfortably.

Note: The trouser length can be adjusted by raising or lowering the suspenders.

(d) Adjust the waistband hook-and-pile fasteners for a snug fit.

(2) Don the JSLIST overgarment coat.

(a) Don the coat, and close the slide fastener up as far as your chest.

(b) Secure the front closure hook-and-pile fasteners up as far as your chest.

(c) Pull the bottom of the coat down over the trousers. Pull the loop out and away from the overgarment coat, and bring it forward between the legs. Pull on the loop until the bottom of the coat fits snugly over the trousers.

b. Assume MOPP Level 2. Don the overboots.

(1) Don the overboots (multipurpose overboots/black vinyl overboots/green vinyl overboots (MULO/BVO/GVO) over the combat boots. Adjust and secure the strap-and-buckle fasteners.

(2) Pull the trouser legs over the overboots (MULO/BVO/GVO). Secure the hook-and-pile fasteners on each ankle to fit snugly around the boot.

c. Assume MOPP Level 3 by donning chemical-protective mask IAW task 031-503-1035.

d. Assume MOPP Level 4. Don the gloves.

(1) Push the sleeve cuffs up your arm.

(2) Put on the gloves and glove liners (inserts).

(3) Pull the sleeve cuffs over the top of the gloves, and secure the hook-and-pile fastener tape snugly on each wrist.

4. Do off the JSLIST chemical protective ensemble.

a. Do off the gloves.

(1) Unfasten the hook-and-pile fastener tape on each wrist, and remove the gloves (and liners if butyl rubber gloves are worn).

(2) Put the gloves in the trouser pockets.

b. Untie the bow in the coat retention cord, unfasten the webbing strip snap, and release the coat retention cord loop.

c. Do off the helmet and cover, if worn.

d. Do off the hood from the JSLIST coat.

(1) Unfasten the barrel locks.

(2) Loosen the hood.

(3) Unfasten the hook-and-pile fastener tape at your neck.

(4) Pull the hood off your head.

e. Do off the protective mask, stow it in the carrier, remove the carrier, and place on an uncontaminated surface.

f. Do off the overboots.

(1) Unfasten the ankle hook-and-pile fastener tapes.

(2) Unfasten the two strap-and-buckle fasteners on the MULO's.

(3) Remove the MULO's.

g. Do off the JSLIST coat.

(1) Unfasten the front closure flap hook-and-pile fastener tape and the front slide fastener.

(2) Remove the coat.

h. Do off the JSLIST trousers.

(1) Unfasten the suspender and waist hook-and-pile fastener tapes.

(2) Unfasten the front closure snaps, and open the slide fastener.

(3) Remove the JSLIST trousers.

5. Perform After PMCS inspections according to table 2-1 and paragraph 3-2 in TM 10-8415-220-10.

6. Repackage the JSLIST ensemble.

a. Remove the clear plastic, resealable bags from the trousers pocket.

b. Fold and repack the coat and trousers in individual clear plastic, resealable bags.

(Asterisks indicates a leader performance step.)

**Evaluation Preparation:** Setup: Provide the Soldier with the items listed in the task conditions statement. Evaluate this task during a field exercise or during a normal training session. Ensure that adequate amounts of serviceable JSLIST ensembles are present or that the evaluated Soldier(s) bring their JSLIST ensemble to the evaluation site. The evaluator must be prepared to direct higher MOPP Levels at once as a Soldier reaches a preceding Level.

**Brief Soldier:** Read the action, conditions, and standards to the Soldier. Tell the Soldier to complete before PMCS and to inform you of any faults found with the suit (for example, the draw cord is unserviceable, and so forth). After the before

PMCS has been completed, inform the Soldier that MOPP Levels 1 through 4 must be achieved in sequence and that the time limit for achieving MOPP Level 4 is 8 minutes. Ensure that the Soldier informs you as each MOPP Level is obtained (for example, "I am now at MOPP Level 1."). For performance measures or parts of performance measures requiring the Soldier to state an answer, lead the Soldier with an appropriate question (for example, "When would you put SERPACWA on?", or "What do you use the clear plastic, resealable bags for?").

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Performed Before PMCS inspection in accordance with (IAW) TM 10-8415-220-10.			
a. New garment, first use.			
(1) Removed the coat or trousers from the factory vacuum-sealed bag and stored in trouser pocket.			
(2) Performed Before PMCS according to table 2-1 located in TM 10-8415-220-10.			
(3) Marked the label with the date that the garment was removed from the package in permanent ink IAW unit SOP.			
b. Used garment.			
(1) Removed the coat or trousers from the clear plastic, resealable bag.			
(2) Checked the wear date marked on the labels. If more than 120 days have elapsed since this date, replaced the coat or trousers with new coat or trousers.			
2. SERPACWA was applied IAW the package instructions, if use was command directed.			
a. Wiped off sweat, insect repellent, camouflage paint, sand, or dirt from skin at the areas shown on the packet label.			
b. Used 1/3 of pouch evenly on the wrists (site 1), neck (site 2), and boot tops of lower legs (site 3) until it forms a difficult to notice white film.			
c. Used remaining 2/3 of pouch evenly onto your armpits (site 4), groin area (site 5), and waistline (site 6).			
d. If exposure to CWA was either confirmed or suspected, followed the appropriate protocol for decontamination.			
e. Removed SERPACWA with a dry towel, or if possible, with a cloth using both soap and water.			
3. Donned the JSLIST chemical protective ensemble, in MOPP Level 1 through 4 sequence, within 8 minutes.			
a. Assumed MOPP Level 1.			
(1) Donned the JSLIST overgarment trousers.			
(2) Donned the JSLIST overgarment coat.			
b. Assumed MOPP Level 2. Donned the overboots.			
(1) Donned the overboots (multipurpose overboots/black vinyl overboots/green vinyl overboots (MULO/BVO/GVO) over the combat boots. Adjust and secured the strap-and-buckle fasteners.			
(2) Pulled the trouser legs over the overboots(MULO/BVO/GVO). Secured the hook-and-pile fasteners on each ankle to fit snugly around the boot.			
c. Assumed MOPP Level 3. Donned chemical-protective mask IAW task 031-503-1035.			
d. Assumed MOPP Level 4. Donned the gloves.			
(1) Pushed sleeve cuffs up arm.			
(2) Put on the gloves and glove liners (inserts).			
(3) Pulled sleeve cuffs over the top of the gloves, and secured the hook-and-pile fastener tape snugly on each wrist.			
4. Doffed the JSLIST chemical protective ensemble.			
a. Doffed the gloves.			
b. Untied the bow in the coat retention cord, unfastened the webbing strip snap, and released the coat retention cord loop.			
c. Doffed the helmet and cover, if worn.			
d. Doffed the hood from the JSLIST coat.			
(1) Unfastened the barrel locks.			
(2) Loosened the hood.			
(3) Unfastened the hook-and-pile fastener tape at your neck.			
(4) Pulled the hood off head.			

e. Doffed the protective mask, stowed in carrier, removed carrier, and placed on an uncontaminated surface.			
f. Doffed the overboots.			
(1) Unfastened the ankle hook-and-pile fastener tapes.			
(2) Unfastened the two strap-and-buckle fasteners on the MULO's.			
(3) Removed the MULO's.			
g. Doffed the JSLIST coat.			
(1) Unfastened the front closure flap hook-and-pile fastener tape and the front slide fastener.			
(2) Removed coat.			
h. Doffed the JSLIST trousers.			
(1) Unfastened the suspender and waist hook-and-pile fastener tapes.			
(2) Unfastened the front closure snaps, and opened the slide fastener.			
(3) Removed the JSLIST trousers.			
5. Performed After PMCS IAW TM 10-8415-220-10. (Labeled the coat and trouser in permanent ink with the days of wear, and the number of times they had been laundered IAW unit SOP.)			
6. Repackaged JSLIST ensemble. Removed the clear-plastic resealable bags from the JSLIST trouser pocket, and placed the used JSLIST coat and trousers in them and resealed.			

#### Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 3-11.4	Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection	Yes	No
	TM 10-8415-220-10	OPERATOR MANUAL FOR JOINT SERVICE LIGHTWEIGHT INTEGRATED SUIT TECHNOLOGY (JSLIST) CHEMICAL PROTECTIVE ENSEMBLE (TM 8415-10/3;SS200-AP-MMO-010)	Yes	No

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Composite Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, NBC Protection, FM 3-11.5, CBRN Decontamination. Everyone is responsible for safety. A thorough risk assessment must be completed prior to every mission or operation. Adhere to all technical manual warning, caution, and danger notices.

#### Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
031-COM-1035	Protect Yourself from Chemical And Biological (CB) Contamination Using Your Assigned Protective Mask	031 - CBRN (Individual)	Approved

#### Supporting Individual Tasks :

Task Number	Title	Proponent	Status
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130-LDAC-4428	CBRN Protective Mask Confidence Exercise	130 - Cadet Command	Analysis
031-COM-1035	Protect Yourself from Chemical And Biological (CB) Contamination Using Your Assigned Protective Mask	031 - CBRN (Individual)	Approved
130-LDAC-1035	Protect Yourself from Biological and Chemical Contamination Using your Assigned protective mask	130 - Cadet Command	Analysis
031-COM-1042	Protect Yourself from CBRN Injury/Contamination when Changing MOPP using the JSLIST Chemical-Protective Ensemble.	031 - CBRN (Individual)	Approved

#### Supported Individual Tasks :

Task Number	Title	Proponent	Status
130-LDAC-4428	CBRN Protective Mask Confidence Exercise	130 - Cadet Command	Analysis
031-516-4003	Employ a CBRN Company	031 - CBRN (Individual)	Analysis
031-627-3041	Provide Technical Advice on Toxic Industrial Chemicals	031 - CBRN (Individual)	Approved
031-627-3038	Conduct CBRN Sensitive Site Assessment (SSA)	031 - CBRN (Individual)	Approved

#### Supported Collective Tasks :

Task Number	Title	Proponent	Status
03-3-0046	Conduct CBRN Dismounted Surveillance	03 - CBRN (Collective)	Approved
03-3-0003	Conduct CBRN Mounted Surveillance	03 - CBRN (Collective)	Approved
03-3-0044	Conduct CBRN Dismounted Reconnaissance - Locate	03 - CBRN (Collective)	Approved
03-3-0047	Conduct CBRN Dismounted Reconnaissance - Sampling	03 - CBRN (Collective)	Approved
03-5-1019	Conduct a Civil Support Team (CST) CBRNE Survey	03 - CBRN (Collective)	Approved
03-4-0019	Respond to a Biological Attack	03 - CBRN (Collective)	Approved
03-3-0012	Conduct CBRN Dismounted Reconnaissance in a Urban Environment	03 - CBRN (Collective)	Approved
03-5-6596	Conduct CBRN Analytical Mission	03 - CBRN (Collective)	Approved
03-6-0404	Direct CBRN Defense Operations	03 - CBRN (Collective)	Approved
03-2-9201	Implement CBRN Protective Measures	03 - CBRN (Collective)	Approved
03-6-0071	Respond to a Chemical Agent Attack	03 - CBRN (Collective)	Approved
03-6-0003	Prepare for CBRN Consequence Management (CM) Support	03 - CBRN (Collective)	Approved
03-6-0010	Coordinate CBRNE Operations Support	03 - CBRN (Collective)	Approved
03-2-9224	Conduct Operational Decontamination	03 - CBRN (Collective)	Approved
03-3-1010	Prepare for a Decontamination Mission	03 - CBRN (Collective)	Approved
03-2-9203	React to a Chemical or Biological (CB) Attack	03 - CBRN (Collective)	Approved

#### ICTL Data :

ICTL Title	Personnel Type	MOS Data
LDAC CBRN ICTL	Any	
Warrior Tasks and Battle Drills	Enlisted	MOS: 000, Skill Level: SL1
Battlefield Weather Course (BWC) (6 Sep 12)		